

Troubleshooting

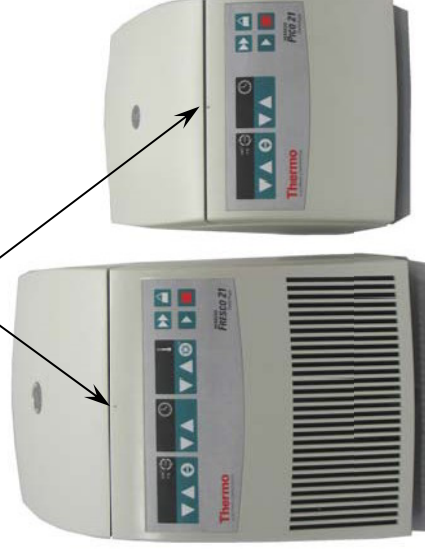
Mechanical emergency lid release

In case of a power failure you cannot open the lid normally using the electric emergency release. To permit unloading even in this case, the centrifuge is equipped with a hand operated lid unlocking system. However, you may use this system **only** in case of emergency.



Rotor can spin at high speed!
Touching it may cause severe injuries!
 Always wait for several minutes until the rotor has come to a complete standstill without deceleration. Without power the brake does not function, and braking takes much longer than normal!

1. Make sure the rotor stands still. (control window).
2. Unplug the mains cord.
3. Push a small straight wire of a length of approx. 7 cm (e.g. a bended paper clip etc.) through the hole located in the middle above the display, at the chamber edge.



Should it be necessary to open the lid manually, proceed as follows using an appropriate / special tool:

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4. Gently press the centrifuge lid down to disengage the lid-latch.
5. While pressing down the lid push the wire down further until you hear and feel the lid-latch unlocking. Remove the auxiliary tool and open the centrifuge lid.
6. In case the rotor still turns, close centrifuge lid immediately and wait until it has come to a complete standstill.



Never brake the rotor using your hands or tools!

7. As soon as the rotor stands still, remove your samples and close the centrifuge lid.